

** February 2020 News from Sentinel Asia Project Office **

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1. [News] Emergency Observation of Disasters Occurring in January 2020.

(1) Flood, Indonesia

Severe flooding in Jakarta as well as in West Java and Banten Province has claimed at least nine lives and forced thousands of residents to flee their homes after heavy rains from the evening of 31 December 2019 to the morning of 1 January 2020, and inundated both residential and commercial areas across the capital. EOR was escalated to International Disaster Charter.

https://www.adrc.asia/view_disaster_en.php?NationCode=360&Lang=en&Key=2367

(2) Volcanic Eruption, Philippines

On 12 January 2020, alert level-4 (hazardous eruption imminent) was raised over Taal Volcano located in the CALABARZON region 70 km south of the capital Manila, Philippines. According to PHIVOLCS (Philippine Institute of Volcanology and Seismology), Taal Volcano progressed into a magmatic eruption at 2:49 A.M. local time on 13 January 2020. EOR was escalated to International Disaster Charter.

https://www.adrc.asia/view_disaster_en.php?NationCode=608&Lang=en&Key=2368

(3) Flood, Iran

Heavy rain starting on January 9, 2020, has led to flash floods across the Hormozgan, Kerman, and Sistan-Baluchestan provinces in southern Iran. The floods have destroyed thousands of houses, displaced hundreds of people, and caused at least three fatalities.

<https://earthobservatory.nasa.gov/images/146150/flash-flooding-in-iran>

(4) Earthquake, Turkey

A 6.8 magnitude earthquake struck Eastern Turkey at 8:55 PM local time on January 24, at a depth of 15km and centered near the district of Sivrice in eastern Elazig province, Turkey.

https://www.adrc.asia/view_disaster_en.php?NationCode=792&Lang=en&Key=2371

2. [News] Result of the Steering Committee meeting of Sentinel Asia

The Steering Committee meeting was held in Hyderabad, hosted by NRSC/ISRO during 21-22, January 2020 in close collaboration with Japan Aerospace Exploration Agency (JAXA) and ISRO. The meeting was conducted in 6 sessions over 2 days, with the main targets to review the current status of the Strategic Plan document, improve user interaction from DPN/DAN viewpoint, strengthen user interaction within Sentinel Asia community, review SA Working Groups, and discuss strategies on private sector's involvement in Sentinel Asia activities.

Furthermore, there were emphasis on strengthening the Sentinel Asia activities by incorporating early warning studies and by enhancing the capacity building activities, and the need for revamping of existing working groups to meet the needs of new disaster activities across Asia.

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3. [Announcement] Emergency Observation Request

With the transition of the Sentinel Asia system, EOR process has changed. Below are the manual for new EOR process.

JPT member organizations are able to utilize EORs to gather information on major disasters in the Asia-Pacific region from the following satellites: ALOS-2 (JAXA), Resourcesat-2, CARTOSAT-2, RISAT-1 (ISRO), THEOS (GISTDA), VNREDSat-1 (VAST), X-Sat (CRISP), KOMPSAT (KARI), DubaiSat-2 (UAE) and FORMOSAT-5 (NARL).

There are two ways to request for EOR,

-Request for EOR through the OPTEMIS (ID and Password required):

*In order to create an OPTEMIS account,

① Fill out the OPTEMIS Account Registration Form from the link below.

<https://bit.ly/2BIBBZa>

② Access the link below, click “User Account” on the left column, then click “Register”, and fill out the form. The account will be authorized later by the site administrator.

<https://optemis.sentinel-asia.org/>

-E-mail EOR form to the Order Desk (ADRC):

Download EOR form from the link below. Please fill out the form, and send it to the Order Desk.

<https://sentinel-asia.org/e-learning/Emergency%20Observation%20Request.html>

*When sending in an EOR,

-Be sure to fill out all of the form with requested information, especially the contact information of disaster prevention organization.

-Cooperate with the local disaster prevention organizations to ensure that the disaster response activities can be performed quickly and effectively.

EOR Order Desk:

Asian Disaster Reduction Center (ADRC)

HP: <http://www.adrc.asia/>

E-mail: sarequest@adrc.asia

FAX: +81-78-262-5546,

TEL: +81-78-262-5540

NOTE

-After making an EOR, please send feedback to the order desk (ADRC) by completing the following questionnaire online. Your feedback is highly appreciated and will help us to improve Sentinel Asia activities. We look forward to receiving your honest comments and suggestions.

https://docs.google.com/forms/d/e/1FAIpQLScc0ouwM8It3l-OfF11bVBIBWLL_Pk17bEeZGBo4mbj6WAZvA/viewform

*Request to DPN members:

When formulating an observation plan for an EOR, please inform the Requesting Organization (RO), DAN and ADRC of the observation area / time / mode, data provision time and other related information.

*Request to DAN members:

Based on the information from DPN, please begin analyzing the data and inform RO and ADRC of the approximate time you expect to provide the analyzed product.

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4. [Announcement] Requests to JPT Members

-Visit the OPTEMIS before a Disaster Strikes

E-mail: Z-SENTINEL.ASIA@ml.jaxa.jp

TEL: +81-3-6435-6785

FAX: +81-3-5777-1580